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(57) Abstract

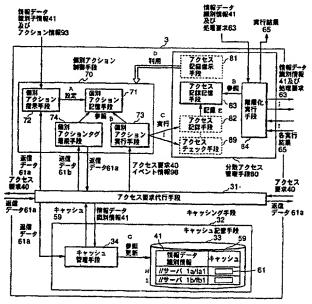
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(54)Title: COMMUNICATION PROXY DEVICE

(54)発明の名称 通信プロキシ装置



40...ACCESS REQUEST
98...EVENT INFORMATION
98...OISCRETE ACCESS ADMINISTRATING MEANS
31...ACCESS REQUEST PROXY MEANS
99...CACHE
32...CACHING MEANS
34...CACHE ADMINISTRATING MEANS
G...REFERRING, UPDATING
33...CACHE STORING MEANS
H...SERVER 1a/fal
1...SERVER 1a/fal
1...SERVER 1b/fbl
41...INFORMATION DATA IDENTIFIER INFORMATION

H...SERVER 13/fal

1...SERVER 13/fal

1...SERVER 15/fbl

11...INFORMATION DATA IDENTIFIER INFORMATION

31...ACTION INFORMATION

63...REQUEST FOR PROCESSING

65...EXECUTION RESULTS

70...INDIVIDUAL ACTION CONTROL MEANS

72...INDIVIDUAL ACTION INSTRUCTING HEANS

A...SETITING

11...INDIVIDUAL ACTION STORAGE MEANS

B...REFERRING

74...INDIVIDUAL ACTION TAG ATTACHING/DETACHING
MEANS

73...INDIVIDUAL ACTION EXECUTING MEANS

C...EXECUTING

61...ACCESS RECORDING INSTRUCTING MEANS

82...ACCESS RECORDING STORING MEANS

82...ACCESS RECORDING MEANS

82...ACCESS RECORDING MEANS

82...ACCESS RECORDING MEANS

84...HERARCHIZING MEANS

84...HERARCHIZING MEANS

61...REPLY DATA

61b...TRANSMITTED DATA

A communication proxy device for realizing an access to the latest information data while exploiting a cache without any change in a server device or client device in response to a request for an access to information data and for realizing a quick access control with a simple instruction. The communication proxy device additionally has individual action control means for designating specific information data by explicitly specifying identification information out of the information data or for instructing an execution of an action conditionally by adding an individual action tag together with the information data to reply data from another device, and distributed access administrating means for recording accesses to the specific information data by using the individual action control means, for executing the instructed

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